Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
Data File : BN032136.D
Acq On : 21 Jun 2024 17:58
Operator : MA/JU
Sample : PB161642BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161642BSD

Quant Time: Jun 21 18:25:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.639	152	9075	0.400	ng		0.00
7) Naphthalene-d8	10.421	136	32472	0.400	ng	#	0.00
13) Acenaphthene-d10	14.274	164	21842	0.400	ng		-0.01
19) Phenanthrene-d10	17.029	188	45413	0.400	ng	#	0.00
29) Chrysene-d12	21.229	240	30531	0.400	ng	#	0.00
35) Perylene-d12	23.452	264	26430	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.241	112	8600	0.333	ng		0.00
5) Phenol-d6	6.823	99	12129	0.358	ng		0.00
8) Nitrobenzene-d5	8.798	82	9045	0.335	ng		0.00
11) 2-Methylnaphthalene-d10	12.013	152	20578	0.398	ng		0.00
14) 2,4,6-Tribromophenol	15.787	330	3584	0.342	ng		0.00
15) 2-Fluorobiphenyl	12.895	172	32307	0.390	ng		-0.01
27) Fluoranthene-d10	19.068	212	43562	0.352	ng		0.00
31) Terphenyl-d14	19.672	244	32789	0.439	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.197	88	3393	0.305	ng		98
3) n-Nitrosodimethylamine	3.508	42	3256	0.308	ng		100
6) bis(2-Chloroethyl)ether	7.075	93	9344	0.321	ng		96
9) Naphthalene	10.464	128	33950	0.388	ng		100
10) Hexachlorobutadiene	10.741	225	6412	0.420	ng	#	99
12) 2-Methylnaphthalene	12.088	142	24650	0.413	ng		99
16) Acenaphthylene	13.996	152	36611	0.364	ng		100
17) Acenaphthene	14.338	154	24862	0.384	ng		99
18) Fluorene	15.332	166	32521	0.376	ng		99
20) 4,6-Dinitro-2-methylph...	15.439	198	927	0.272	ng	#	44
21) 4-Bromophenyl-phenylether	16.222	248	10712	0.416	ng	#	83
22) Hexachlorobenzene	16.333	284	11981	0.449	ng		97
23) Atrazine	16.507	200	8003	0.339	ng		96
24) Pentachlorophenol	16.693	266	3445	0.373	ng		99
25) Phenanthrene	17.066	178	49846	0.396	ng		100
26) Anthracene	17.165	178	44312	0.379	ng		100
28) Fluoranthene	19.096	202	56238	0.368	ng		99
30) Pyrene	19.463	202	56315	0.464	ng		100
32) Benzo(a)anthracene	21.211	228	44262	0.385	ng		99
33) Chrysene	21.265	228	44397	0.408	ng		99
34) Bis(2-ethylhexyl)phtha...	21.139	149	34806	0.443	ng		99
36) Indeno(1,2,3-cd)pyrene	25.697	276	41722	0.423	ng		99
37) Benzo(b)fluoranthene	22.785	252	41602	0.432	ng		98
38) Benzo(k)fluoranthene	22.829	252	40922	0.449	ng		98
39) Benzo(a)pyrene	23.355	252	34174	0.411	ng		98
40) Dibenzo(a,h)anthracene	25.709	278	33212	0.428	ng		100
41) Benzo(g,h,i)perylene	26.384	276	34824	0.417	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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